

LISTING OF CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Previously Presented) A portable recording and/or reproduction apparatus for recording and/or reproducing data onto and/or from a storage medium, comprising:

recording and/or reproduction means for recording and/or reproducing data onto and/or from the storage medium;

communication means for communicating with an external apparatus;

producing means for producing information for an operation screen including an area for displaying data stored in said storage medium and corresponding to said recording and/or reproduction means;

transmission control means for controlling said communication means to transmit the information for the operation screen to the external apparatus; and

control means for controlling said recording and/or reproduction means in accordance with the operation screen displayed on the external apparatus when said communication means receives the information for the operation screen.

2. (Previously Presented) The recording and/or reproduction apparatus according to claim 1, wherein said communication means is capable of communicating with the external apparatus through a network using a predetermined communication protocol.

3. (Previous Presented) The recording and/or reproduction apparatus according to claim 2, wherein said communication means is capable of communicating with the external apparatus through the network using an internal protocol.

4. (Previously Presented) The recording and/or reproduction apparatus according to claim 3, wherein said communication means is capable of communicating with a personal computer through the network using an internet protocol.

5. (Previously Presented) The recording and/or reproduction apparatus according to claim 1, wherein said producing means stores graphical user interface information to be used to remotely control said recording and/or reproduction means from the external apparatus.

6. (Previously Presented) The recording and/or reproduction apparatus according to claim 5, wherein said producing means stores the graphical user interface information of one or more of a reproduction instruction button, a recording instruction button and a reproduction stop button.

7. (Previously Presented) The recording and/or reproduction apparatus according to claim 5, wherein said producing means stores the graphical user interface information which is described in hyper text markup language (HTML) format.

8. (Previously Presented) The recording and/or reproduction apparatus according to claim 1, further comprising:

image pickup means for photoelectrically converting an optical image of an image pickup object into image data, and

wherein said recording and/or reproduction means stores the image data into the storage medium.

9. (Previously Presented) The recording and/or reproduction apparatus according to claim 8, further comprising:

microphone means for converting sound collected from an outside source into sound data, and

wherein said recording and/or reproduction means stores the sound data into the storage medium.

10. (Previously Presented) The recording and/or reproduction apparatus according to claim 9, wherein said recording and/or reproduction means compresses the image data and the sound data and stores the compressed image data and compressed sound data in the storage medium.

11. (Previously Presented) The recording and/or reproduction apparatus according to claim 10, wherein said recording and/or reproduction means compresses the image data in accordance with MPEG system and compresses the sound data in accordance with ATRAC system.

12. (Previously Presented) The recording and/or reproduction apparatus according to claim 8, further comprising display means for displaying image data reproduced from the storage medium by said recording and/or reproduction means.

13. (Previously Presented) The recording and/or reproduction apparatus according to claim 1, wherein said recording and/or reproduction means records and/or reproduces data onto and/or from an optical disk on which first tracks formed from a wobbled track which is wobbled on opposite side faces thereof and a non-wobbled track which is not wobbled on the opposite side faces thereof are formed from ones of lands and grooves and information is recorded on second tracks formed from the others of the lands and the grooves positioned between the wobbled track and the non-wobbled track.

14. (Previously Presented) The recording and/or reproduction apparatus according to claim 1, further comprising update control means for controlling said recording and/or reproduction means to record, when said communication means receives an update program, the update program in the storage medium.

15. (Previously Presented) The recording and/or reproduction apparatus according to claim 14, wherein said producing means stores control programs corresponding to transmission control means and said update control means, and said update control means rewrites the control programs of said producing means with the update program stored in the storage medium in response to an update instruction of a

user of said recording and/or reproduction apparatus after the recording of the update program in the storage medium is completed.

16. (Previously Presented) A portable recording and/or reproduction apparatus for recording and/or reproducing data onto and/or from a storage medium, comprising:

recording and/or reproduction means for recording and/or reproducing data onto and/or from the storage medium;

communication means for communicating with an external apparatus;

discrimination means operable for discriminating a type of the external apparatus based on the transmission request information when transmission request information for requesting transmission of data is received from the external apparatus through said communication means; and

transmission control means for adaptively changing the format of data read out from the storage medium by said recording and/or reproduction means in response to a result of the discrimination by said discrimination means and controlling said communication means to transmit the data to the external apparatus.

17. (Previously Presented) The recording and/or reproduction apparatus according to claim 16, wherein said discrimination means extracts an identifier representative of a type of the external apparatus from the transmission request information and discriminates the type of the external apparatus based on the extracted identifier.

18. (Previously Presented) The recording and/or reproduction apparatus according to claim 17, wherein, when said discrimination means discriminates that the external apparatus is a computer for universal use, said transmission control means converts a format of data read out from the storage medium into hyper text markup language (HTML) format and controls said communication means to transmit the data of the HTML format to the external apparatus.

19. (Previously Presented) The recording and/or reproduction apparatus according to claim 17, wherein, when said discrimination means discriminates that the external apparatus is another recording and/or reproduction apparatus of the same type as that of said recording and/or reproduction apparatus, said transmission control means controls said communication means to transmit image data read out from the storage medium to the external apparatus.

20. (Previously Presented) The recording and/or reproduction apparatus according to claim 16, further comprising image pickup means for photoelectrically converting an optical image of an image pickup object into image data, and wherein said recording and/or reproduction means stores the image data in the storage medium.

21. (Previously Presented) The recording and/or reproduction apparatus according to claim 20, further comprising microphone means for converting sound collected from an outside source into sound data, and wherein said recording and/or reproduction means stores the sound data in the storage medium.

22. (Previously Presented) The recording and/or reproduction apparatus according to claim 21, wherein said recording and/or reproduction means compresses the image data and the sound data and stores the compressed image data and compressed sound data in the storage medium.

23. (Previously Presented) The recording and/or reproduction apparatus according to claim 22, wherein said recording and/or reproduction means compresses the image data in accordance with MPEG system and compresses the sound data in accordance with ATRAC system.

24. (Previously Presented) The recording and/or reproduction apparatus according to claim 20, further comprising display means for displaying image data reproduced from the storage medium by said recording and/or reproduction means.

25. (Previously Presented) The recording and/or reproduction apparatus according to claim 16, wherein said recording and/or reproduction means records and/or reproduces data in and/or from an optical disk on which first tracks formed from a wobbled track which is wobbled on opposite side faces thereof and a non-wobbled track which is not wobbled on the opposite side faces thereof are formed from ones of lands and grooves and information is recorded on second tracks formed from the others of the lands and the grooves positioned between the wobbled track and the non-wobbled track.

26. (Previously Presented) A recording and/or reproduction method for recording and/or reproducing data onto and/or from a storage medium in a portable apparatus, comprising the steps of:

producing information for an operation screen including an area for displaying data stored in said storage medium and corresponding to a recording and/or reproduction means;

transmitting the information produced by the producing step to an external apparatus through communication means;

receiving, by said communication means, operation information of a user to the information for the operation screen transmitted to the external apparatus; and

performing recording and/or reproduction of the data into and/or from the storage medium in accordance with the received operation information.

27. (Previously Presented) A recording and/or reproduction method for recording and/or reproducing data onto and/or from a storage medium, comprising the steps of:

receiving transmission request information for requesting transmission of data from an external apparatus through a communication means;

discriminating a type of the external apparatus based on the received transmission request information;

adaptively changing a format of data read out from the storage medium in response to a result of the discriminating step; and

transmitting the data of the adaptively changed format to the external apparatus through said communication means.